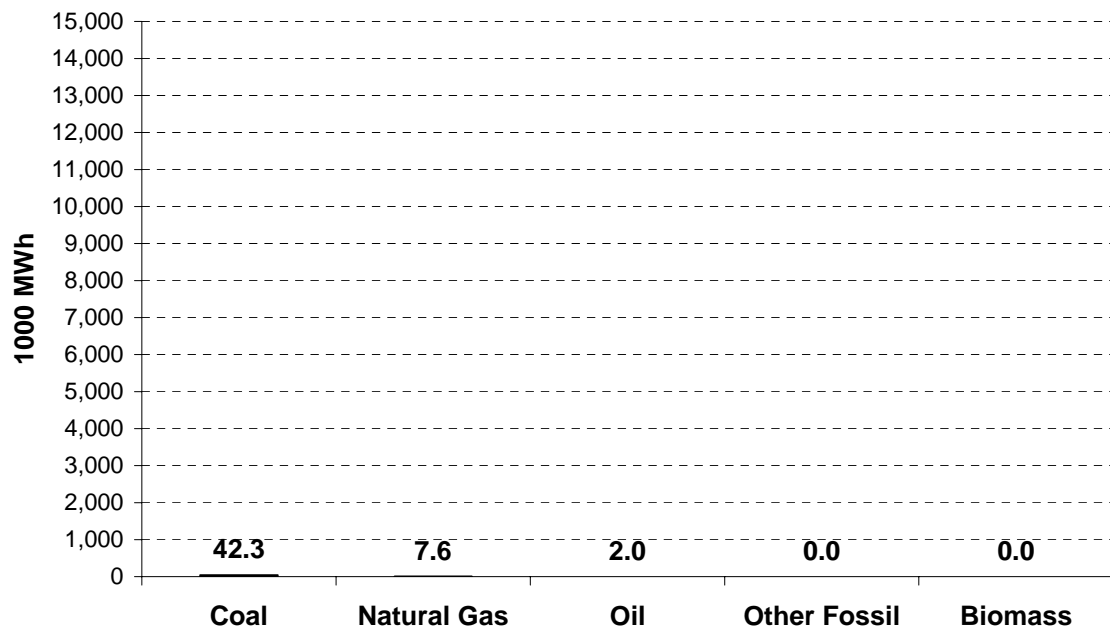




**Missouri
Department of
Natural Resources**

**Marshall Power Plant, City of Marshall -
Power generated in 2000 from fossil fuels & biomass**



Note: Since 1996, the resource mix at this plant has included about 1,200 tons of paper pellets that are blended with the coal. The city operates a pelletizer into which it feeds the city's waste paper. Generation from this renewable resource is not included in the data from eGRID

Emissions of criteria pollutants and CO₂ – 2000

		Total emitted	Output-based rate (units per MWh)	Input-based rate (units per mmBTU)
NO _x - Annual	(Tons)	406	15.644	0.97
NO _x – May 1 to Sept. 30	(Tons)	303	13.31	0.95
Sulfur dioxide (SO ₂)	(Tons)	1,669	64.24	4.00
Carbon Dioxide (CO ₂)	(Tons)	74,739	2,877	179.04

Toxic Releases – 2001

Hazardous Air Pollutants (Pounds)	230
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Data sources

- ◆ Data for hazardous air pollutants and toxic releases is taken from Missouri Department of Natural Resources (DNR) Toxic Release Inventory (TRI). For more information see:
U.S. Environmental Protection Agency (EPA) TRI home page – <http://www.epa.gov/tri/>
Missouri DNR TRI reports posted at <http://www.dnr.mo.gov/oac/bus.htm>
- ◆ Data for other emissions and generation is taken from EPA Office of Atmospheric Programs, eGRID (Emissions & Generation Resource Integrated Database) database, April 2003

Definitions

NO _x	Oxides of Nitrogen
MWh	Megawatthours (1000 kilowatthours)
mmBtu	Million British Thermal Units

